**EAST Search History**

**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1186 | (433/65,102,66,81,224).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:01 |
| L2 | 418 | l1 and file | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:03 |
| L3 | 715 | l1 and (root near2 canal) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:03 |
| L4 | 0 | l1 and (root near2 canal) and flexble | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:03 |
| L5 | 367 | l1 and (root near2 canal) and flexible | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:03 |
| L6 | 960 | (606/80).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:13 |
| L7 | 1037 | (d15/139).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 13:35 |
| L8 | 1442 | (175/334,394).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 14:00 |
| L9 | 65 | l8 and flexible | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 14:00 |
| L10 | 82 | l8 and flex$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 14:01 |
| L11 | 141 | (264/116).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/12/09 14:03 |
| S1 | 3 | ("4260379" \| "4538989" \| "6074209").PN. | US-PGPUB; USPAT | OR | ON | 2007/11/05 10:32 |
| S2 | 84 | (433/65).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/30 13:27 |
| S3 | 394 | (433/102).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/10/30 14:16 |
| S4 | 1 | ("4538989").PN. | US-PGPUB; USPAT | OR | OFF | 2007/10/30 14:16 |
| S5 | 36 | ("0498554" \| "1307446").PN. OR ("4538989").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/30 14:20 |
| S6 | 22440 | ("433").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/10/31 06:21 |
| S7 | 266 | S6 and endodontic near file$1 | US-PGPUB; USPAT | OR | ON | 2007/10/31 07:18 |
| S8 | 3508 | invert$2 adj cone | US-PGPUB; USPAT | OR | ON | 2007/10/31 12:15 |
| S9 | 374 | S8 and drill$3 | US-PGPUB; USPAT | OR | ON | 2007/10/31 07:34 |
| S10 | 188 | S6 and dental adj bur | US-PGPUB; USPAT | OR | ON | 2007/10/31 07:55 |

| S11 | 2 | S6 and multi$3 near bur | US-PGPUB; USPAT | OR | ON | 2007/10/31 07:56 |
|-----|-----|-----|-----|-----|-----|-----|
| S12 | 12 | ("3629943" \| "3874081" \| "4234309" \| "4239489" \| "4260383" \| "4451237" \| "4600392" \| "4622012" \| "4824371" \| "4846685" \| "4867683" \| "5104321").PN. OR ("5971759").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/31 12:11 |
| S13 | 8 | invert$2 adj cone near bur | US-PGPUB; USPAT | OR | ON | 2007/10/31 12:15 |
| S14 | 10 | ("3325899" \| "3465442" \| "3888008" \| "3935761").PN. OR ("4315744").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/31 12:20 |
| S15 | 1 | (drill) and bit near (inverted adj cone) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/31 12:22 |
| S16 | 17 | ("0733320" \| "0866304" \| "2745180" \| "2854746" \| "2857670" \| "2880508" \| "3514859").PN. OR ("4202097"). URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/31 12:21 |
| S17 | 1 | (drill) and bit near (invert$2 near cone) | US-PGPUB; USPAT; USOCR | OR | ON | 2007/10/31 12:22 |
| S18 | 71 | (433/66).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 08:28 |
| S19 | 750 | (606/80).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 09:02 |
| S20 | 777 | (D15/139).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 09:37 |
| S21 | 114 | (175/334).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 09:39 |
| S22 | 725 | (175/394).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 09:39 |
| S23 | 84 | (433/65).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 10:33 |
| S24 | 394 | (433/102).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 10:33 |
| S25 | 93 | (S23 or S24) and break | US-PGPUB; USPAT | OR | ON | 2007/11/05 10:59 |
| S26 | 166 | (S23 or S24) and (groove or notch) | US-PGPUB; USPAT | OR | ON | 2007/11/05 11:11 |
| S27 | 1 | (S23 or S24) and (partial near break) | US-PGPUB; USPAT | OR | ON | 2007/11/05 11:12 |
| S28 | 22451 | ("433").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 11:12 |
| S29 | 3 | S28 and (partial near break) | US-PGPUB; USPAT | OR | ON | 2007/11/05 11:12 |
| S30 | 327 | (264/16).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/11/05 15:02 |
| S31 | 679 | (433/65,66,102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 07:51 |

| S32 | 30865 | ("433").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 08:24 |
|-----|-------|---------------|------------------------|-----|-----|------------------|
| S33 | 341 | S32 and (drill and cone) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 08:24 |
| S34 | 42 | S32 and invert$2 near4 cone | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 08:40 |
| S35 | 1 | ("5823775").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 12:59 |
| S36 | 2 | ("2861341").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 12:59 |
| S37 | 2 | ("2334755").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 13:00 |
| S38 | 541 | (433/81,224).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 13:00 |
| S39 | 40 | ("0336777" \| "1151352" \| "1307446" \| "1694857" \| "1753352" \| "1771182" \| "3727313").PN. OR ("4353698"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 13:19 |
| S40 | 1 | ("2861341").URPN. | USPAT | OR | OFF | 2008/04/11 13:26 |
| S41 | 8 | ("2334755").URPN. | USPAT | OR | OFF | 2008/04/11 13:27 |
| S42 | 9 | ("0959054" \| "2562587" \| "3309772" \| "4684346" \| "4897037").PN. OR ("5823775"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/11 13:29 |
| S43 | 1 | ("5658148").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/14 07:13 |
| S44 | 40 | (coolant with pump) and dental and light | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/04/14 08:19 |
| S45 | 0 | (coolant with pump) and dental and light | EPO | OR | OFF | 2008/04/14 08:19 |
| S46 | 1 | (coolant with pump) and dental and light | EPO; DERWENT | OR | OFF | 2008/04/14 08:20 |
| S47 | 7636 | flexible and drill$3 and cone | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:35 |
| S48 | 2338 | flexible and drill$3 same cone | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:36 |
| S49 | 1356 | (flexible same drill$3) and (drill$3 same cone) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:36 |
| S50 | 4215 | (flexible same drill$3) and (drill$3 same (cone or taper$2)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:42 |
| S51 | 279 | (flexible same drill$3) and (drill$3 same (cone or taper$2)) and (medical or dental) | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:43 |
| S52 | 248 | (root adj canal) and drill and flexible | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 11:55 |
| S53 | 458 | (433/102).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 12:19 |

| S54 | 22 | ("0308424" \| "0453254" \| "3832779" \| "4187611" \| "4345899" \| "4443193" \| "4536159" \| "4611508" \| "4661061" \| "4850867" \| "4895515" \| "4934934" \| "5017137" \| "5215461" \| "5464362" \| "5527205" \| "5628674" \| "5655950" \| "5762541" \| "6186788").PN. OR ("7094055").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 12:34 |
|-----|------|-----|-----|-----|-----|-----|
| S55 | 1 | root adj canal and flexible same drill | EPO; JPO | OR | OFF | 2008/10/15 12:36 |
| S56 | 28 | ("1022838" \| "4260379" \| "4758156" \| "4889487" \| "4894011" \| "4934934" \| "5035617" \| "5118297" \| "5149268" \| "5628674" \| "5653590" \| "5735689" \| "5735690").PN. OR ("6074209").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/10/15 13:16 |
| S57 | 0 | ("2007/0082318").URPN. | USPAT | OR | OFF | 2009/04/27 10:07 |
| S58 | 23 | ("0308424" \| "0453254" \| "3832779" \| "4187611" \| "4345899" \| "4443193" \| "4536159" \| "4611508" \| "4661061" \| "4850867" \| "4895515" \| "4934934" \| "5017137" \| "5215461" \| "5464362" \| "5527205" \| "5628674" \| "5655950" \| "5762541" \| "6186788").PN. OR ("7094055").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 10:08 |
| S59 | 1 | ("4496318").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 10:19 |
| S60 | 1164 | (433/65,66,102,81,224).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 11:04 |
| S61 | 1 | ("2861341").URPN. | USPAT | OR | OFF | 2009/04/27 11:53 |
| S62 | 1 | ("2005/0106532").URPN. | USPAT | OR | OFF | 2009/04/27 11:55 |
| S63 | 31851 | ("433").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 11:58 |
| S64 | 0 | S63 and (multi adj bur) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 11:58 |
| S65 | 2 | S63 and (multi near3 bur) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 11:58 |
| S66 | 0 | ("2007/0202461").URPN. | USPAT | OR | OFF | 2009/04/27 11:59 |
| S67 | 0 | "20070202461" | USPAT | OR | OFF | 2009/04/27 11:59 |
| S68 | 1 | ("20070202461").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 11:59 |

| S69 | 9 | ("2807264" \| "20020037490" \| "20060105293" \| "4571184" \| "4684346" \| "5299937" \| "6347941" \| "6682349").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 12:00 |
|-----|----|------------------------------------------------------------------------------------------------------------------------|------------------------|-----|------|------------------|
| S70 | 12 | ("2807264").URPN. | USPAT | OR | OFF | 2009/04/27 12:01 |
| S71 | 10 | ("2723455" \| "2807264" \| "2855673" \| "4830615" \| "5277583" \| "6186788" \| "6565356").PN. OR ("6682349").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 12:02 |
| S72 | 6 | ("2855673").URPN. | USPAT | OR | OFF | 2009/04/27 12:03 |
| S73 | 16 | ("0749624" \| "2723455" \| "2735181" \| "2855673" \| "4158256" \| "4264307").PN. OR ("4473354").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 14:05 |
| S74 | 33 | ("0750639" \| "0959054" \| "2842844" \| "3142138" \| "3267623" \| "4030198" \| "4178689" \| "4187082" \| "4447208" \| "4563152" \| "4690642").PN. OR ("4830615").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 14:08 |
| S75 | 25 | ("0412952" \| "0716441" \| "2280927" \| "2855673" \| "3073031" \| "3645642").PN. OR ("4526542").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 14:47 |
| S76 | 92 | ("0308424" \| "0453254" \| "20020182565" \| "20040043357" \| "20040126734" \| "20060137184" \| "20060234182" \| "20060234183" \| "20060246394" \| "20070207138" \| "20070207439" \| "3427844" \| "3832779" \| "4019254" \| "4165562" \| "4187611" \| "4231738" \| "4260379" \| "4345899" \| "4443193" \| "4447206" \| "4462802" \| "4505676" \| "4515565" \| "4518356" \| "4527449" \| "4536159" \| "4538989" \| "4608017" \| "4611508" \| "4630694" \| "4661061" \| "4828496" \| "4850867" \| "4895515" \| "4906146" \| "4934934" \| "5002581" \| "5017137" \| "5017138" \| "5026284" \| "5195350" \| "5201882" \| "5215461" \| "5257934" \| "5326263" \| "5464362" \| "5498158" \| "5503554" \| "5527205" \| "5586885" \| "5591170" \| "5628674" \| "5655950" \| "5682665" \| "5735689" \| "5762541" \| "5775902" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 15:47 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| | | "5775903" \| "5788488" \| "5807106" \| "5816807" \| "5820375" \| "5820376" \| "5833457" \| "5842862" \| "5855479" \| "5882198" \| "5902106" \| "5938440" \| "5941705" \| "5941760" \| "5947730" \| "5980250" \| "6024569" \| "6042376" \| "6149501" \| "6174165" \| "6186788" \| "6293794" \| "6293795" \| "6379155" \| "6390819" \| "6431863" \| "7094055" \| "7121827" \| "7147469" \| "7223100" \| "7270541").PN. OR ("7481652"). URPN. | | | | | |
| S77 | 1 | ("20020182565").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 15:50 |
| S78 | 92 | ("0308424" \| "0453254" \| "20020182565" \| "20040043357" \| "20040126734" \| "20060137184" \| "20060234182" \| "20060234183" \| "20060246394" \| "20070207138" \| "20070207439" \| "3427844" \| "3832779" \| "4019254" \| "4165562" \| "4187611" \| "4231738" \| "4260379" \| "4345899" \| "4443193" \| "4447206" \| "4462802" \| "4505676" \| "4515565" \| "4518356" \| "4527449" \| "4536159" \| "4538989" \| "4608017" \| "4611508" \| "4630694" \| "4661061" \| "4828496" \| "4850867" \| "4895515" \| "4906146" \| "4934934" \| "5002581" \| "5017137" \| "5017138" \| "5026284" \| "5195350" \| "5201882" \| "5215461" \| "5257934" \| "5326263" \| "5464362" \| "5498158" \| "5503554" \| "5527205" \| "5586885" \| "5591170" \| "5628674" \| "5655950" \| "5682665" \| "5735689" \| "5762541" \| "5775902" \| "5775903" \| "5788488" \| "5807106" \| "5816807" \| "5820375" \| "5820376" \| "5833457" \| "5842862" \| "5855479" \| "5882198" \| "5902106" \| "5938440" \| "5941705" \| "5941760" \| "5947730" \| "5980250" \| "6024569" \| "6042376" \| "6149501" \| "6174165" \| "6186788" \| "6293794" \| | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 16:00 |

| | | "6293795" \| "6379155" \| "6390819" \| "6431863" \| "7094055" \| "7121827" \| "7147469" \| "7223100" \| "7270541").PN. OR ("7481652"). URPN. | | | | |
|---|---|---|---|---|---|---|
| S79 | 0 | ((invert$2 near4 taper) same (drill and helical$2)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 16:02 |
| S80 | 6 | ((invert$2 near4 taper) same (drill)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 16:02 |
| S81 | 3 | ("2638327").URPN. | USPAT | OR | OFF | 2009/04/27 16:02 |
| S82 | 14 | ("0756590" \| "0963596" \| "2638327" \| "4411324" \| "4446934" \| "4502554").PN. OR ("4635737").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/04/27 16:03 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L12 | 425 | (433/102).CCLS. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:04 |
| L13 | 0 | (flexilbe and root and cone and flute$1).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:06 |
| L14 | 0 | (flexilbe and root and taper and flute$1).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:06 |
| L15 | 0 | (flex$4 and root and taper and flute$1).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:10 |
| L16 | 19495 | (dental).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:11 |
| L17 | 3 | (dental and canal and flex$4 and taper).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:11 |
| L18 | 18 | (dental and canal and flex$4 and taper$2).clm. | US-PGPUB; USPAT; UPAD | OR | OFF | 2009/12/09 14:11 |

**12/9/2009 2:12:52 PM**
**C:\ Documents and Settings\ hbashaw\ My Documents\ EAST\ Workspaces\ 10554148.wsp**